

2011

# Injury-related Hospital Discharges

## MA Youth & Young Adults, Ages 15-24 Years

There were **4,321** injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2011, approximately **462** per 100,000 youth. Poisonings and motor vehicle traffic-related injuries were the leading causes of injury-related hospitalization for this age group.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	75	148	138	<7	0	364	8.9	38.9
Drowning/submersion	<7	0	0	0		<7	0.1	--
Fall	477	9	<7	9		497	12.1	53.1
Fire/burn	43	<7	<7	<7		48	1.2	5.1
Firearms	31	<7	118	8	7	166	4.0	17.8
Machinery	13					13	0.3	1.4
Natural/environmental	87	<7		<7		89	2.2	9.5
<i>Dog bites</i>	16	0		0		16	0.4	1.7
<i>Other bites &amp; stings</i>	52	0		0		52	1.3	5.6
<i>All other (e.g. extreme cold)</i>	19	<7		<7		21	0.5	2.2
Overexertion	55					55	1.3	5.9
Poisoning	280	698	0	78	0	1,056	25.7	112.9
Struck by, against	222		176	0	<7	402	9.8	43.0
Suffocation/hanging	18	<7	<7	0		23	0.6	2.5
Transport Injuries:	825	<7	<7	<7	0	831	20.2	88.9
<i>Motor vehicle traffic-related</i>	696	<7	<7	<7	0	702	17.1	75.1
<i>Occupant</i>	455					455	11.1	48.7
<i>Motorcyclist</i>	80					80	1.9	8.6
<i>Pedal cyclist</i>	27					27	0.7	2.9
<i>Pedestrian</i>	105					105	2.6	11.2
<i>Other person</i>	<7					<7	0.1	--
<i>Unspecified person</i>	25					25	0.6	2.7
<i>Pedal cyclist, other</i>	54					54	1.3	5.8
<i>Pedestrian, other</i>	<7					<7	0.1	--
<i>Other transport</i>	71					71	1.7	7.6
Other specified & classifiable	130	<7	22	0	0	154	3.8	16.5
Other specified, not classifiable	75	30	52	<7	<7	161	3.9	17.2
Unspecified	146	<7	27	<7	<7	177	4.3	18.9
Adverse Effects						73	1.8	7.8
No cause or intent provided						206	5.0	22.0
TOTALS	2,483	902	538	104	15	4,321	100.0	462.1
Injury Hospitalization Rate by Intent	265.5	96.5	57.5	11.1	1.6	n/a	n/a	n/a

Source: MA Hospital Discharge Database, Center for Health Information and Analysis (CHIA).

—All CHIA data sets are based on a fiscal year. The numbers provided here are based on fiscal year: October 1, 2010 - September 30, 2011 and will be different than numbers generated through the Department's query based system MassCHIP.

—Rates are per 100,000 residents. Rates are not calculated on counts of less than seven and those based on counts less than twenty may be unstable.

—Categories and groupings are based on the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Population data used to calculate rates are based on 2011 population estimates by the US Census Bureau.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health, August 2013

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